

# **REQUEST FOR CONTINUED EXAMINATION (RCE) Transmittal**

Application #	09/676,402
Confirmation #	1935
Filing Date	29 September 2000
First Inventor	DAVIES
Art Unit	2683
Examiner	Ewart
Docket #	123081-339675 (T01215-0060-US)

**This is a Request for Continued Examination under 37 CFR § 1.114 of the above-identified application.**  
*RCE practice does not apply to any utility application filed prior to June 8, 1995, or to any design application.*

## **Submission required under 37 CFR § 1.114**

*Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise (with a separate Request).*

☐ **Previously submitted.** If a final Office action is outstanding, any amendments filed after the final Office action may be considered by the PTO as a submission even if this line is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on  
☐ Other:

## ☒ **Enclosed**

- ☐ Amendment/Reply  
☐ Affidavit(s)/Declaration(s)  
☒ Information Disclosure Citation  
☒ Other: Petition for Withdrawal from Issue

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**OFFICE OF PETITIONS**

## **Miscellaneous**

- ☐ **Suspension of action** on the above-identified application is requested under 37 CFR § 1.103(c) for a period of \_\_\_\_\_ months (Period of suspension shall not exceed 3 months; Fee under 37CFR§ 1.17(i) required)  
☐ Other:

## **FEES** calculated below (after reduction for an amendment if noted above).

	NOW	Basic/Previous Number	Present Extra	Rate	\$
<input type="checkbox"/> TOTAL CLAIMS		- 20		X \$ 50 =	
<input type="checkbox"/> INDEPENDENT CLAIMS		- 3		X \$ 200 =	
<input checked="" type="checkbox"/> RCE fee required under 37 CFR § 1.17(e)				\$ 790 =	790
<b>TOTAL OF ABOVE CALCULATIONS =</b>					790
<input type="checkbox"/> Reduction by ½ for small entity status of applicant				-	
<b>SUBTOTAL =</b>					
<input type="checkbox"/> Extension of time fee				+ \$ =	
<input checked="" type="checkbox"/> Other fee for Petition for Withdrawal from Issue				+ \$ =	130
<b>TOTAL OF ALL FEES =</b>					<b>\$920</b>

☒ Payment of \$ 920 is made by attached Credit Card Payment Form (PTO-2038)

☒ The Commissioner is authorized to charge any fee, additional fee or extension fee due in connection herewith to Deposit Account No. 12-0555:

- (1) if no payment or an insufficient payment is enclosed and a fee is due in connection herewith; or  
 (2) if no petition for extension of time is enclosed but an EOT is required - and in this event, applicant hereby petitions under 37 CFR 1.136(a) for an extension of time of as many months as are required to render this submission timely.

Date: 1 August 2005

08/02/2005 AKELLEY 00000002 09676402

02 FC:1801

790.00 OP

By: Douglas E. Jackson  
 Registration No.: 28,518

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XP-002299975

(C) WPI/Derwent

AN - 1999-548704 [46]  
AP - KR19960077618 19961230; KR19960077618 19961230; US19970998773 19971229  
CPY - GLDS  
DC - W02 W05  
FS - EPI  
IC - G08C17/00 ; H04B1/00 ; H04B1/60  
IN - JEANG I; CHUNG I Y; JEONG I Y  
MC - W02-G  
PA - (GLDS) LG INFORMATION & COMMUNICATIONS LTD  
PN - KR98058295 A 19980925 DW199946 G08C17/00 000pp  
- KR202501 B1 19990615 DW200061 G08C17/00 000pp  
- US6178310 B1 20010123 DW200150 H04B1/00 011pp  
PR - KR19960077618 19961230  
XIC - G08C-017/00 ; H04B-001/00 ; H04B-001/60  
XP N2001-339271  
AB - KR98058295 NOVELTY - Comprises transmitting antenna VSWR measuring circuit (51) for variable-attenuating and detecting a transmitting signal received from the transmitting antenna and sending a transmitting signal strength to a measuring controller to measure transmitting power and reflected power.  
- DETAILED DESCRIPTION - A receiving antenna VSWR measuring circuit (101) for variable-attenuating and detecting a receiving signal strength to a measuring controller to measure receiving power and reflected power. Further comprises a directional coupler (20) for outputting the transmitting RF signal of the transmitting antenna through multiple ports.  
- USE - For measuring voltage standing wave ratios (VSWR) of transmitting and receiving antennas in a base station of a mobile communication system.  
- ADVANTAGE - The circuit is implemented on a single board and measures transmitting and receiving antenna VSWRs of each frequency without influence of a noise signal, thereby installing the system in smaller space at a lower cost.  
- DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a transmitting and receiving antenna VSWRs measuring circuit of a base station in a mobile communication system.  
- directional coupler 20  
- Transmitting antenna VSWR measuring circuit 51  
- Receiving antenna VSWR measuring circuit 101  
- (Dwg.3/5)  
IW - TRANSMIT RECEIVE ANTENNA MEASURE CIRCUIT BASE STATION MOBILE COMMUNICATE SYSTEM COMPRISE TRANSMIT RECEIVE ANTENNA VSWR VOLTAGE STAND WAVE RATIO MEASURE CIRCUIT VARIABLE ATTENUATE DETECT  
IKW - TRANSMIT RECEIVE ANTENNA MEASURE CIRCUIT BASE STATION MOBILE COMMUNICATE SYSTEM COMPRISE TRANSMIT RECEIVE ANTENNA VSWR VOLTAGE STAND WAVE RATIO MEASURE CIRCUIT VARIABLE ATTENUATE DETECT  
INW - JEANG I; CHUNG I Y; JEONG I Y  
NC - 002  
OPD - 1996-12-30  
ORD - 1998-09-25  
PAW - (GLDS) LG INFORMATION & COMMUNICATIONS LTD  
TI - Transmitting and receiving antenna measuring circuit for base station of mobile communication system, comprises transmitting and receiving antenna VSWR (voltage standing wave ratio) measuring circuits for variable-attenuation and detection